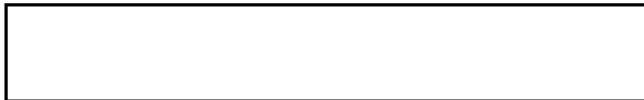


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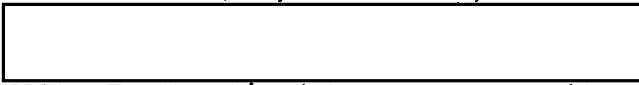
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USIB-D-46. 4/27  
(COMIREX-D-13. 16/3)  
4 February 1969  
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UNITED STATES INTELLIGENCE BOARD

MEMORANDUM FOR THE UNITED STATES INTELLIGENCE BOARD

SUBJECT : COMIREX Review of Imagery Reconnaissance  
Requirements for the Fiscal Year 1970 National  
Reconnaissance Program

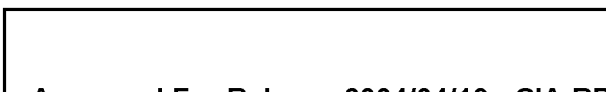
REFERENCES : a. USIB-D-46. 4/12, 1 March 1968  
b.   
c. USIB-D-41. 14/296 (COMOR-D-13/66)  
20 July 1966  
d. USIB-D-41. 14/294 (COMOR-D-13/63)  
21 June 1966  
e. USIB-D-41. 15/79 (COMOR-D-48/115)  
16 September 1966  
f. USIB-D-46. 4/13 (COMIREX-D-14. 4/1)  
27 March 1968

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1. The attached memorandum from the Chairman, Committee on Imagery Requirements and Exploitation (COMIREX) is submitted for Board consideration in response to the USIB instructions in reference a. that COMIREX advise USIB by 1 February each year of the specific National Reconnaissance Program (NRP) imagery reconnaissance requirements for the ensuing fiscal year.

2. Based on its review of USIB requirements for imagery reconnaissance by satellites COMIREX reaffirms the KH-4 search requirement with deletion of a limitation on film assigned to one-time search or surveillance tasks, and reaffirms the general guidance on

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NRO review(s)  
completed.

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25X1 requirements for [redacted] COMIREX also concludes that normal mapping, charting and geodesy area coverage support should be taken care of, without assignment of any unique KH-4 missions, by allocation of a portion of film [redacted] on a non-interference basis.

3. The Chairman, COMIREX, recommends that the Board concur in the reaffirmation of the imagery reconnaissance requirements as stated in paragraphs 2 through 5 of his memorandum; note the continuing efforts of COMIREX for interface with NRO in monitoring mapping, charting and geodesy requirements; and authorize that this memorandum be forwarded as guidance to NRO with a request that the NRO notify USIB when any future changes in requirements or operational factors may have a significant impact on the NRO program.

USIB ACTION REQUESTED

4. Board Members are requested to advise the Secretariat by close of business 11 February of their concurrence or other views on the recommendations in paragraph 8 of the attachment.

[redacted]  
Executive Secretary

Attachment

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Attachment

USIB-D-46.4/27

(COMIREX-D-13.16/3)

4 February 1969

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MEMORANDUM FOR: United States Intelligence Board

SUBJECT: COMIREX Review of Imagery Reconnaissance  
Requirements for the Fiscal Year 1970 National  
Reconnaissance Program

REFERENCES:

a. USIB-D-46.4/12, 1 March 1968

b.



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\ c. USIB-D-41.14/296, COMOR-D-13/66,  
20 July 1966

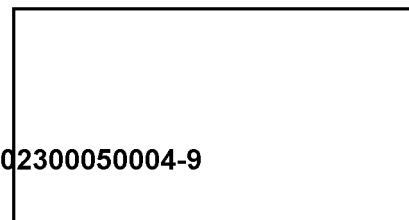
\ d. USIB-D-41.14/294, COMOR-D-13/63,  
21 June 1966

\ e. USIB-D-41.15/79, COMOR-D-48/115,  
16 September 1966

f. USIB-D-46.4/13, COMIREX-D-14.4/1,  
27 March 1968

1. In anticipation of the need for NRO to prepare its financial program for FY 70 (reference a), COMIREX has reviewed USIB requirements for imagery reconnaissance by satellites and has made a comparison of these with information available to it on the FY 70 launch schedule. The primary imagery reconnaissance requirements are for search and surveillance. These requirements are reviewed in paragraphs 2, 3, 4, and 5 below. COMIREX is also responsible for reporting to USIB on proposals for the use of the search and surveillance systems in support of mapping, charting and geodetic accuracy requirements. Pertinent comments on this appear in paragraph 6. Whereas it is logical to assume that the United States would

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benefit if [REDACTED] were available (reference b), many factors militate against making the requirement more specific at this time. Interface with NRO continues on this problem but further definition of the requirement is not contemplated until COMIREX has been informed of the general feasibility of such a system. In the interim COMIREX is studying the applicability of such a system to other imagery collection problems.

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2. The KH-4 requirement for search was approved by USIB in July 1966 (reference c) as part of the requirement statement [REDACTED] (see references d and e for the basic requirement and a USIB review in September 1966). This requirement stipulates that stereoscopic cloud-free (about 90 percent) photography should be acquired as follows:

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- a. About 80 to 90 percent of the buildup area of Sino-Soviet bloc semi-annually;
- b. About 75 percent of the underdeveloped areas of the Sino-Soviet bloc annually;
- c. Approximately 2.5 million square nautical miles of intelligence coverage outside the Sino-Soviet bloc annually;
- d. A residual of approximately five percent of the film per mission for unique, one-time search or surveillance tasks.

3. COMIREX reaffirms this requirement with one change in guidance to NRO. There is no longer a limitation on assignment of film to one-time search or surveillance tasks. Additionally, COMIREX notes that acceptance of useable monoscopic coverage of search areas has permitted a more realistic evaluation of the area search portion of the requirement.

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5. COMIREX reaffirms the general guidance to NRO contained in this paper, including the need to provide for coverage of selected priority targets outside of the Sino-Soviet bloc which would be approved by COMIREX, and with the understanding that specific targets and priorities will continue to be provided to NRO [REDACTED]

6. In accordance with COMIREX understanding of the need to support the mapping community in obtaining mapping, charting, and geodetic data, there will be no need to assign any KH-4 mission uniquely for coverage of MC&G requirements. The normal MC&G area coverage requirement as well as those for city plans should be taken care of by allocation of a portion of the film [REDACTED] on a non-interference basis. Data collection needed to meet the geodetic accuracy requirement is still under discussion with NRO. Use of a Doppler on four KH-4B missions, considered capable of meeting the requirement, is expected to begin in March 1970; making possible two of these missions in FY 70.

7. Following its review of the requirements as summarized above, COMIREX concludes that if the NRO carries out its present program of launches for FY 70 the search and surveillance objectives should be accomplished. It is understood that the present schedule calls for the launch of the final KH-4A in this period as well as five KH-4Bs [REDACTED]

8. It is recommended that the Board concur in the reaffirmation of the imagery reconnaissance requirements as stated in paragraphs 2 through 5; note the continuing efforts of COMIREX for interface with NRO in monitoring

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mapping, charting, and geodesy requirements; and authorize that this memorandum be forwarded as guidance to NRO with a request that the NRO notify USIB when any future changes in requirements or operational factors may have a significant impact on the NRO program.

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Chairman

Committee on Imagery Requirements and Exploitation

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